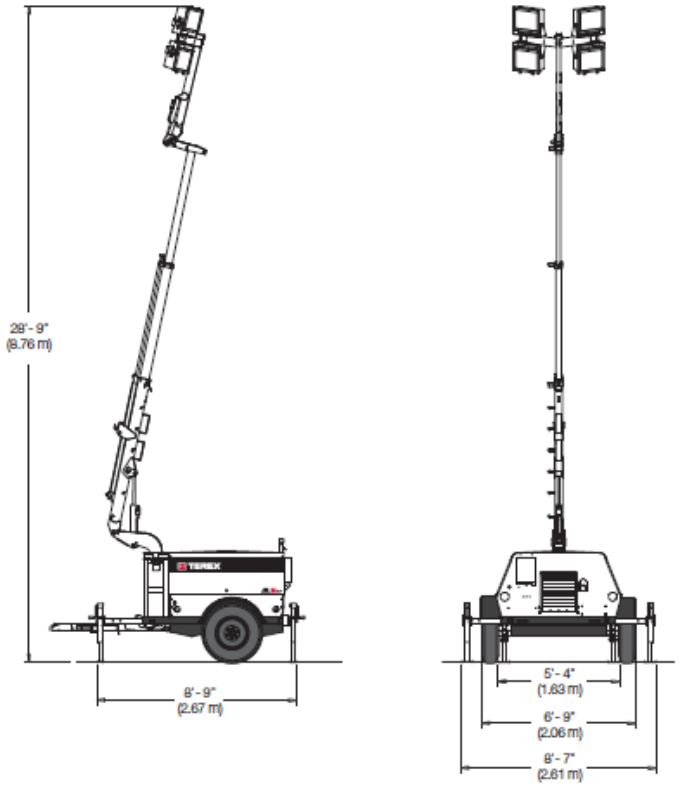
TEREX AL™5HT



ENGINE

- Kubota® D1105 - liquid cooled, diesel engine
  - Standby – 15.4 hp @ 1800 rpm
  - Prime – 13.5 hp @ 1800 rpm
  - 3 cylinder
  - 1.123 L displacement
- Fuel consumption (prime) ~ 0.5 gph
- 60 Hz engine/generator
- Industrial engine exhaust system
- Rubber vibration dampers isolate engine/generator from frame
- Cooling system capable of operating at 120°F ambient
- Full flow oil filter, spin on type
- Fuel filter with replaceable element
- Dry type cartridge air filter
- Polyethylene fuel tank with large diameter opening
  - 30 gal. capacity
  - 60 hr. run capacity
  - 3 ½” fill port

ENGINE CONTROLS

- Galvanized control panel located inside cabinet
- Four position keyed switch – glow plugs (preheat, off, run, start)
- Hour meter
- Automatic low oil/high temperature shutdown system

GENERATOR

- Marathon Electric
    - Brushless
- 8 kW standby output
- 120/240 VAC – 20/30A
- +/-6% capacitor voltage regulation

ELECTRICAL SYSTEM AND CONTROLS

- Individual floodlight circuits with 15A breakers
- Hydraulic tower controls located inside cabinet
- 30A start limit breaker (assures no load condition exists before starting)
- Standard individually breakered convenience outlets:
    - (1) 120 VAC 20 Amp GFCI duplex outlets (Nema 5-20R type)
    - (1) 240 VAC 30 Amp twistlock outlets (Nema L6-30R type)
- 700 CCA wet cell battery

FLOODLIGHTS

- Four light fixtures – 1000 watts each - metal halide
- Quick adjust cast aluminum square housing with horizontally mounted bulbs
- Tempered glass lens
- Silicone gaskets for moisture and dust protection
- Individual floodlight On/Off switches

WIRING

- All wiring is sized to the amperage draw required
- AC & DC wiring diagrams are provided in service manual

MAST

- 28’ articulated hydraulic mast with 20’ of outreach
- 359° of powered rotation
- Mast cable track to manage electrical cables
- Equipped with single lifting eye and fork pockets

ENCLOSURE

- Steel enclosure – 14-gauge
    - UV& fade resistant, high temperature cured, white polyester powder paint
- Dome light with switch, 12V
- English, English/French, or symbol operating/safety decals
- License plate holder with light
- Manual holder with operating manual

TRAILER

- Mast support – 3” x 2” x 3.16” tubular steel A-frame
- Removable / flip up tongue – 46.75” long
- Tubular steel chassis – 2.5” x 3/16”
- Four, 3000 lb. adjustable leveling jacks – 4 point stance
- All jacks transport and lock in horizontal position for storage
- Side outriggers - 8’ 2.5” span
- Safety chains with s-hooks
- 2” ball hitch
- Steel fenders – 16 gauge
- DOT approved tail, side, brake, and directional lights
    - Recessed rear and side lights
- 4200 lb. leaf spring axle
- P205/75L15 tires
- 73” axle span

WEIGHTS & DIMENSIONS

- Dry weight: 2,650 lbs (1,182 kg)
- Mast stowed: 98 x 83.5 x 81 in (2.49 x 2.12 x 2.07 m)

WARRANTY

- 1 year parts and service
- Engine and generator covered under OEM warranty – consult factory for details.

CERTIFICATIONS

- CSA certified

Options

CHASSIS OPTIONS

- 30 gal fuel tank with spill containment
- 60 gal fuel tank
- 60 gal fuel tank with spill containment
- Highway safety chains w/ snap hook
- Hitch, 2 1/2 in Ring
- Hitch, 2 5/16 in Ball
- Hitch, Combination Ring and Ball
- Spare tire and wheel
- Tough coat paint surface: cabinet and trailer front
- Trailer brakes, electric
- Trailer brakes, Hydraulic surge: must specify either ring or ball hitch

ENGINE OPTIONS

- 12 kW, 60 Hz generator with 16.3 hp Kubota diesel
- 20 kW, 60 Hz generator, include external receptacle package, and 2 ea. 20A/12V GFI & 3 ea. 30A/240V T/L
- Auto-Start
- Mechanical automatic air shutdown
- Fuel/water separator filter
- Fuel/water separator with fuel line heater

TOWER OPTIONS

- 6 metal halide lights
- 8 metal halide lights: only available with 12kW or 20 kW engine option
- Tower Lock kit

COLD WEATHER OPTIONS

- 1000 CCA battery
- Battery heater blanket
- Engine block heater
- Low temperature coolant mixture (-40° F)